ECS Configuration Change Request

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1. Originator Byron V. Peters	2. Log Date: 7 JAN 00	3. CCR #: 00-0022	4. Rev: -	5. Tel: 301/883-4077	6. Rm #: 2011C	7. Org. SED

8. Title of Change: Test Distributed Denial of Service attack detection software

9. Originator Signature/Date Byron V Peters 1/7/00

10. Class IN

11. Type: CCR

12. Need Date: 1/14/00

13. Office Manager Signature/Date
Randy /Hayes/for 1/7/00

14. Category of Change: Initial Baseline

15. Priority: (If "Emergency" fill in Block 28).
Routine

16. Documentation/Drawings Impacted:
None

17. Schedule Impact:

18. CI(s) Affected: N/A

19. Release Affected:
N/A

20. Date due to Customer:

21. Impl. Date:

22. Estimated Cost: None

23. Source Reference: □NCR (attach) □Action Item □Tech Ref. □GSFC ☒Other:
CERT 2000-01 Denial of Service Developments

24. Description of Change: (use additional Sheets if necessary)
The National Infrastructure Protection Center is distributing an executable for Solaris systems that detects the presence of software used in a distributed network denial of service attack. CERT, NASIRC and other security organizations are highly recommending that this software be run on all networked Solaris systems. The software needs only to run once per system - it is not loaded permanently.

25. Proposed Solution: (use additional sheets if necessary)
Request approval to test the software on Sun platforms in the ~~VATC~~ or Functionality Lab on a non-interference basis to verify that there is no danger in releasing the software to the DAACs. Further, we request and recommend that the software be put in a root-only automounted directory for ease of execution then removed as soon as the test is completed.

26. Alternate Solution: (use additional sheets if necessary)
None

27. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Infected machines can be used by intruders to stop up the network which could cause ECS to come to a standstill.

28. Justification for Emergency (If Block 15 is "Emergency"):

29. Site(s) Affected: ☒EDF □Mini-DAAC ☒VATC □EDC □GSFC □LaRC □NSIDC □SMC □AK □JPL □EOC □IDG Test Cell □Other

30. Board Comments:
Functionality lab only!

31. Work Assigned To:
RTSC

32. EDF/REL2 CCB Chair (Sign/Date): 1/10/2000

33. Disposition: Approved [✓ A/C] Disapproved Fwd/ECS Fwd/ESDIS

34. (TBD)

35. M&O CCB Chair (Sign/Date):

36. Disposition: Approved A/C Disapproved Fwd/ECS Fwd/ESDIS

37. CM Manager's Closure:

38. ECS CCB Chair (Sign/Date):

39. Disposition: Approved A/C Disapproved

40. CCR Closed Date: